

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|------------------|
| L1 | 462 | 438/689.ccls. | USPAT | OR | ON | 2006/02/15 08:26 |
| L2 | 1629 | 438/704.ccls. or 438/705.ccls. or 438/706.ccls. | USPAT | OR | ON | 2006/02/15 08:25 |
| L3 | 1585 | 438/745.ccls. or 438/758.ccls. | USPAT | OR | ON | 2006/02/15 08:25 |
| L4 | 1216 | 438/778.ccls. or 438/785.ccls. | USPAT | OR | ON | 2006/02/15 08:25 |
| L5 | 68 | (ultrathin same gate) and (gate with dielectric) and ((high-k) or (high adj k)) | USPAT | OR | ON | 2006/02/15 08:59 |
| L6 | 56 | 5 and etch\$3 | USPAT | OR | ON | 2006/02/15 08:59 |
| L7 | 62 | (ultrathin same gate) and (gate with dielectric) and ((high-k) or (high adj k)) | US-PGPUB | OR | ON | 2006/02/15 08:59 |
| L8 | 56 | 7 and etch\$3 | US-PGPUB | OR | ON | 2006/02/15 09:00 |
| L9 | 29 | 8 not ("2005".ay. or "2004".ay.) | US-PGPUB | OR | ON | 2006/02/15 09:00 |
| S1 | 4128 | hafnium adj oxide | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/01 14:52 |
| S2 | 67 | S1 and ultrathin | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/26 20:12 |
| S3 | 179 | S1 and ultra adj thin | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/26 20:12 |
| S4 | 211 | S2 or S3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/26 20:12 |
| S5 | 441 | (hafnium adj oxide) with (gate and dielectric) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/26 20:13 |

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| S6 | 84 | S5 and ((ultra-thin) or (ultra adj thin) or ultrathin) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/26 20:14 |
| S7 | 0 | (hafnium adj oxide) with thinning | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/26 20:42 |
| S8 | 39 | (hafnium adj oxide) with etching | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/26 20:42 |
| S9 | 10 | (hafnium adj oxide) with ((wet adj etching) or (dry adj etching) or (hybrid with etching)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/26 20:43 |
| S10 | 0 | (hafnium adj oxide) with etchback | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/01 14:52 |
| S11 | 0 | (hafnium adj oxide) with etch-back | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/01 14:52 |
| S12 | 0 | (hafnium adj oxide) with (etch adj back) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/01 14:52 |
| S13 | 57 | (hafnium adj oxide) with etch\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/01 16:47 |

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|-----|------|--|---|----|----|------------------|
| S14 | 2 | "20030104706" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/01 18:04 |
| S15 | 407 | 438/689.ccls. | USPAT | OR | ON | 2006/02/15 08:25 |
| S16 | 1517 | 438/704.ccls. or 438/705.ccls. or 438/706.ccls. | USPAT | OR | ON | 2006/02/15 08:25 |
| S19 | 1480 | 438/745.ccls. or 438/758.ccls. | USPAT | OR | ON | 2006/02/15 08:25 |
| S20 | 1103 | 438/778.ccls. or 438/785.ccls. | USPAT | OR | ON | 2006/02/15 08:25 |